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ABSTRACT

This report provides a descriptive analysis of the degree and certificate programs in the San Diego Community College District (SDCCD). In 2002, nearly 4,000 associate degrees were awarded by the three community colleges in the district. The associate degree program has a 60-unit requirement and includes both the associate in arts and the associate in science degrees. The associate in arts degree is awarded in the social sciences, humanities, the arts, and similar disciplines. The associate in science degree is awarded in engineering, physical and biological sciences, and occupational curricula. The document is divided into two parts, the first focusing on awards and the second on award recipients. For awards, descriptive analyses were conducted in these three areas: (1) Total awards; (2) Awards by major; and (3) Awards by ethnicity. Descriptive analyses for recipient profiles include: (1) Recipient demographics; (2) Single and multiple award recipients; (3) Previous award status; and (4) Average number of completed units and semesters. The total number of degrees and certificates awarded districtwide in 2002 was 3,705. Forty-two percent of all degrees awarded were associate in arts degrees, 22% were associate in science degrees, and 36% were certificates. (Contains 13 tables and 9 charts.) (NB)

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San Diego Community College District
Degree and Certificate Report
2002 Awards

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Prepared by the Office of Institutional Research and Planning
San Diego Community College District

April 28, 2003

San Diego Community College District
Degree and Certificate Report
2002 Awards

Introduction

The purpose of this report is to provide a descriptive analysis of the degree and certificate recipients in the San Diego Community College District (SDCCD). In 2002[1], nearly 4,000 associate degrees and certificates were awarded by the three community colleges in the district. The number of degrees and certificates described in this report may differ slightly from what is reported for the colleges in the Partnerships for Excellence (PFE) Report produced by the State Chancellor's Office. The primary reason for this discrepancy is the timing of the official submission of data.

The associate degree program has a 60-unit requirement and includes both the associate in arts and the associate in science degrees. The associate in arts degree is awarded in the social sciences, humanities, the arts, and similar disciplines. The associate in science degree is awarded in engineering, physical and biological sciences, and occupational curricula (see college catalog for a list of degree programs). The colleges award two types of certificates, the "certificate of achievement" and the "certificate of completion". The certificate of achievement program is designed for students with specific personal or occupational goals. Certificate of achievement programs fall into one of the following three categories based on the number of units required: (1) 60 or more units, (2) 30 to 59 units, and (3) 18 to 29 units. For this report, two types of certificates of achievement are reported: "certificates of achievement-1", which include programs that require 30 units or more (categories 1 and 2), and "certificates of achievement-2", which include programs that require between 18 and 29 units (category 3). Certificate of completion programs are also categorized based on the number of required units. These programs are divided into the following two categories: (1) 6 to 17 units and (2) less than 6 units. However, data on certificates of completion are not currently available, thus are not included in this report. Furthermore, throughout this report, the term "certificate" refers only to certificates of achievement.

Awards vs. Recipients

In 2002, City, Mesa, and Miramar colleges awarded a total of 3,705 associate degrees and certificates to 3,004 recipients. Some recipients obtained more than one award. The analyses in this report are divided into two parts. The first part will focus on the awards and the second part will provide a profile of the award recipients.

[1] Reflects degrees and certificates awarded at the end of the 2001-02 academic year (fall 2001, spring 2002)

Part 1: Awards

The focus of analysis in this section is the 3,705 associate degrees and certificates awarded in 2002. It should be noted that the data assessed in this section are duplicated. Descriptive analyses were conducted in the following three areas:

A. ***Total Awards***: The total number of associate in arts degrees, associate in science degrees, certificates of achievement-1, and certificates of achievement-2 awarded in 2002 was compared to comparable data in 2001.

B. ***Awards by Major***: The most popular majors for which degrees and certificates were awarded in 2002 were summarized by award category. For this section, the associate in arts and the associate in science degree awards were combined as "associate degree awards".

C. ***Awards by Ethnicity***: The proportion of degrees and certificates awarded in 2002 by ethnic group was compared to the: (1) comparable ethnic proportion of the fall 2001 student population, and (2) comparable ethnic proportion of degrees and certificates awarded in 2001.

Part 2: Profile of Recipients

This section provides an analysis of the demographic background of the 3,004 award recipients in 2002. The data reported in this section are unduplicated. Descriptive analyses include:

A. ***Recipient Demographics***: The 2002 degree and certificate recipients were described in terms of gender and ethnicity.

B. ***Single[2] and Multiple[3] Award Recipients:*** This section consisted of demographic comparisons between single and multiple award recipients in 2002. In addition, single and multiple award recipients in 2002 were described in terms of the number of awards they received and the type (or combination of types) of awards they received.

C. ***Previous Award Status***: Demographic information of award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001) were compared to recipients with no previous awards.

D. ***Average Number of Completed Units and Semesters***: The average number of units and semesters completed by recipients was evaluated in terms of ethnicity. However, since the average number of completed units and semesters is affected by the number of

[2] Single award recipients are defined as those who received only one award (degree or certificate) in 2002 as indicated on their student record.
[3] Multiple award recipients are defined as those who received more than one award (degree or certificate) in 2002 as indicated on their student record.

awards received, only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

Part 1: Awards

A. TOTAL AWARDS - Districtwide

(Note: Data in this section are Duplicated)

1. Total Number of Degrees and Certificates Awarded – 2001 vs. 2002 (Table 1)

- The total number of degrees and certificates awarded districtwide in 2002 was 3,705, about the same as the previous year (3,712 awards in 2001).
- In comparison to 2001, in 2002, there was a seven percent (7%) increase in the number of associate in arts degrees awarded and a two percent increase (2%) in the number of associate in science degrees awarded. However, the number of certificates of achievement-1 and certificates of achievement-2 awarded decreased by ten percent (10%) and (7%) respectively.

2. Total Number of Degrees and Certificates Awarded in 2002 (Chart 1)

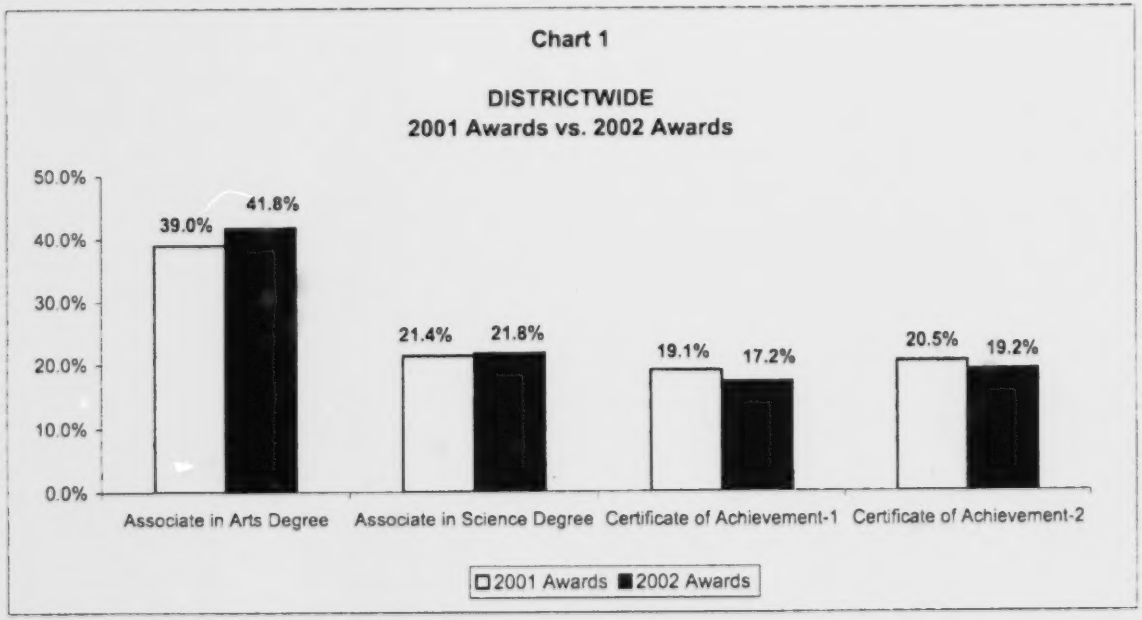
- Forty-two percent (42%) of all degrees and certificates awarded districtwide in 2002 were associate in arts degrees, 22% were associate in science degrees, 17% were certificates of achievement-1, and 19% were certificates of achievement-2.

Table 1

Total Number of Degrees and Certificates Awarded[1] - DISTRICTWIDE
2001 Awards vs. 2002 Awards

	2001	2002	Change	% Change
Districtwide				
Associate in Arts Degree	1,447	1,547	100	6.9%
Associate in Science Degree	795	809	14	1.8%
Certificate of Achievement-1[2]	708	638	-70	-9.9%
Certificate of Achievement-2[3]	762	711	-51	-6.7%
TOTAL	3,712	3,705	-7	-0.2%

Chart 1



Note 1: Data reflect duplicated recipient counts.
Note 2: Includes only certificate of achievement programs that require 30 or more units.
Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

B. ***AWARDS BY MAJOR - Districtwide***

(Note: Data in this section are Duplicated)

1. Associate Degree

- The Transfer Studies major represented 23% of the total number of associate degrees awarded in 2002 followed by the Liberal Arts – Option I – CSU General Education major, which represented 15% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 6% of the total.

Table 2

2002 Associate Degree Awards by Major*

Major	Frequency	Percent
1. TRANSFER STUDIES CSU	537	22.8%
2. LIBERAL ARTS-OPTION I – CSU GENERAL EDUCATION	345	14.6%
3. TRANSFER STUDIES – T.A.G. – UC	128	5.4%
4. SELECTED STUDIES	107	4.5%
5. TRANSFER STUDIES – I.G.E.T.C. – UC	93	3.9%
6. BUSINESS ADMINISTRATION	90	3.8%
7. TRANSFER STUDIES OTHER	77	3.3%
8. CHILD DEVELOPMENT	64	2.7%
9. NURSING EDUCATION RN	51	2.2%
10. PSYCHOLOGY	45	1.9%
11. BIOLOGY – ALLIED HEALTH	37	1.6%
12. COMPUTER / INFORMATION SCIENCE	32	1.4%
13. FIRE PROTECTION TECHNOLOGY – FIRE TECHNOLOGY	28	1.2%
14. ANIMAL HEALTH TECHNOLOGY	22	0.9%
15. MATHEMATICS	21	0.9%
16. BUSINESS STUDIES SDSU BUSINESS ADMINISTRATION	21	0.9%
17. HEALTH INFORMATION TECHNOLOGY	20	0.8%
18. BEHAVIORAL SCIENCE-ALCOHOL & DRUG	19	0.8%
19. TRANSFER STUDIES – I.G.E.T.C. – CSU	19	0.8%
20. FIRE PROTECTION TECHNOLOGY – FIRE PROTECTION	19	0.8%
Other Majors	581	24.7%
TOTAL	**2,356**	**100.0%**

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of associate degree awards by major is provided in Appendix A.

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B. AWARDS BY MAJOR - Districtwide (continued)

(Note: Data in this section are Duplicated)

2. Certificate of Achievement-1

- Of the total number of certificate of achievement-1 awards given in 2002, 10% were in Business Administration, followed by 9% in Cosmetology, 7% in Behavioral Sciences - Alcohol and Drug, and 7% in Building Trades – Electrical Trade Option. The percentage of certificate of achievement-1 awards in each of the remaining majors did not exceed 4% of the total.

Table 3

2002 Certificate of Achievement-1 Awards by Major*

Major	Frequency	Percent
1. BUSINESS ADMINISTRATION	65	10.2%
2. COSMETOLOGY	60	9.4%
3. BEHAVIORAL SCIENCES – ALCOHOL & DRUG	47	7.4%
4. BUILDING TRADES – ELECTRICAL TRADE OPTION	47	7.4%
5. COMPUTER / INFORMATION SCIENCE	25	3.9%
6. RADIOLOGIC TECHNOLOGY	24	3.8%
7. AIR CONDITIONING / REFIGERATION	21	3.3%
8. ELECTRONIC MIRCROPROCESSOR / CONTR. DESIGN	21	3.3%
9. SDG&E APPRENTICE LINEMAN	21	3.3%
10. INTERIOR DESIGN	18	2.8%
11. AMERICAN SIGN LANGUAGE INTERPRETER	17	2.7%
12. ELECTRONICS TECHNICIAN – COMMUNICATION	17	2.7%
13. ADMINISTRATION OF JUSTICE – TECH. PROF. ADV. OFCR.	15	2.4%
14. PIPEFITTING APPRENTICE	13	2.0%
15. MEDICAL ASSISTING	12	1.9%
16. APPRENTICE PLUMBER	12	1.9%
17. AVIATION MAINTENANCE TECH. – AIRFRAME	12	1.9%
18. FIRE PROTECTION TECHNOLOGY – FIRE PROTECTION INTERMEDIATE	11	1.7%
19. FASHION – FASHION DESIGN	10	1.6%
20. HOTEL-MOTEL MANAGEMENT	10	1.6%
Other Majors	160	25.1%
TOTAL	**638**	**100.0%**

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement-1 awards by major is provided in Appendix B.

B. AWARDS BY MAJOR - Districtwide (continued)

(Note: Data in this section are Duplicated)

3. Certificate of Achievement-2

- Of the certificates of achievement-2 awarded in 2002, Child Development Teacher was the most popular major (13%), followed by Child Development Associate Teacher (12%) and Administration of Justice – Law Enforcement Technician (11%). The percentage of certificate of achievement-2 awards in each of the remaining majors did not exceed 5% of the total.

Table 4

2002 Certificate of Achievement-2 Awards by Major*

Major	Frequency	Percent
1. CHILD DEVELOPMENT TEACHER	92	12.9%
2. CHILD DEVELOPMENT ASSOCIATE TEACHER	87	12.2%
3. ADMINISTRATION OF JUSTICE – LAW ENFORCEMENT TECHNICIAN	77	10.8%
4. BUSINESS ADMINISTRATION	31	4.4%
5. COMPUTER BUSINESS TECHNICIAN – ADMIN. ASSISTANT	30	4.2%
6. CERT. PHYS. ED. – FITNESS SPECIALIST	25	3.5%
7. ELECTRONICS TECHNOLOGY	21	3.0%
8. ELECTRICITY	20	2.8%
9. TRAVEL AIRLINE - TRAVEL AGENCY	20	2.8%
10. HEAT / AC / VENT & AC / DESIGN	19	2.7%
11. ACCOUNTING	18	2.5%
12. DENTAL ASSISTING	17	2.4%
13. BUILDING TRADES – PLUMBING TRADE OPTION	15	2.1%
14. COMPUTER BUSINESS TECH. MICROCOMPUTER APPLICATION	14	2.0%
15. INTERIOR DESIGN	13	1.8%
16. VISUAL & PERFORMING ARTS – PHOTOGRAPHY	11	1.5%
17. AUTO TECH – AUTO BRAKES & SUSPENSION	9	1.3%
18. WATER / WASTE WATER TECH. OPERATOR	9	1.3%
19. FIRE PROTECTION TECHNOLOGY – FIRE TECHNOLOGY	9	1.3%
20. DIESEL TECHNOLOGY – ENGINE OVERH 4 STROK	9	1.3%
Other Majors	117	16.5%
TOTAL	**711**	**100.0%**

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement-2 awards by major is provided in Appendix C.

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C. AWARDS BY ETHNICITY – Districtwide

(Note: Data in this section are Duplicated)

1. 2002 Degrees and Certificates Awarded by Ethnicity (Table 5)

- Of all degrees and certificates awarded in 2002, the ethnic distribution of recipients included: 43% whites, 15% Latinos, 15% Asians, 10% African Americans, and 7% Filipinos. By comparison, the ethnic distribution of certificate of achievement-1 recipients showed higher percentages of white and Latino award recipients (white, 47%; Latino, 17%). For certificate of achievement-2 awards, the percentage of Latino recipients was higher (18%), while the percentage of white recipients was lower (39%). There was no significant change in the ethnic group percentages for associate degree awards.

2. Comparisons of Ethnicities of 2002 Degree and Certificate Recipients and Fall 2001Student Population (Chart 2, Chart 3, and Chart 4)

- Of the number of associate degrees and certificates awarded in 2002, the proportions of Asian recipients were generally higher than the corresponding proportion of Asians in the fall 2001 district student population (associate degree, 16% of awards vs. 12% of population; certificate of achievement-1, 15% of awards vs. 12 % of population; certificate of achievement-2, 16% of awards vs. 12% of population).
- The proportion of certificate of achievement-2 awards that were received by whites was significantly lower than the corresponding proportion of whites in the fall 2001 district student population (39% of awards vs. 43% of population). By comparison, the proportions of associate degree and certificate of achievement-1 awards received by whites were similar to the corresponding proportion of whites in the fall 2001 district student population.

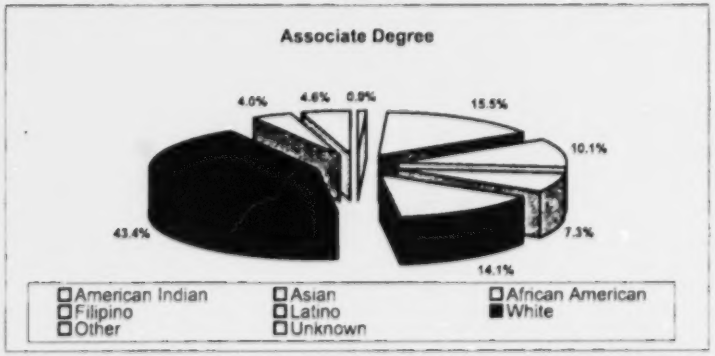
3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2001 Awards vs. 2002 Awards (Chart 5, Chart 6, and Chart 7)

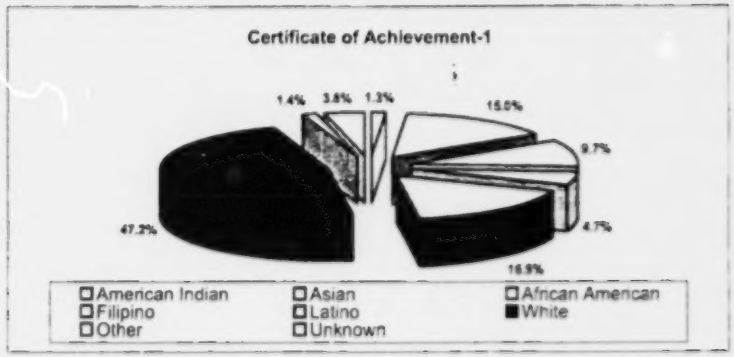
- In 2002, the percentages of associate degree and certificate of achievement-2 awards that were received by Asians increased notably from the previous year (associate degree, 16% of 2002 awards vs. 13% of 2001 awards; certificate of achievement-2, 16% of 2002 awards vs. 13% of 2001 awards). In contrast, the percentage of associate degree awards received by whites in 2002 decreased from the previous year (43% of 2002 awards vs. 46% of 2001 awards), as did the percentage of certificate of achievement-2 awards received by African Americans (12% of 2002 awards vs. 16% of 2001 awards).

Table 5

2002 Degree and Certificate Awards by Ethnicity - DISTRICTWIDE

ETHNICITY	ASSOCIATE DEGREES 2002 AWARDS		CERTIFICATE OF ACHIEVEMENT-1 2002 AWARDS		CERTIFICATE OF ACHIEVEMENT-2 2002 AWARDS		TOTAL AWARDS	
	N	%	N	%	N	%	N	%
American Indian	21	0.9%	8	1.3%	10	1.4%	39	1.1%
Asian	365	15.5%	96	15.0%	110	15.5%	571	15.4%
African American	239	10.1%	62	9.7%	85	12.0%	386	10.4%
Filipino	173	7.3%	30	4.7%	54	7.6%	257	6.9%
Latino	333	14.1%	108	16.9%	130	18.3%	571	15.4%
White	1,023	43.4%	301	47.2%	275	38.7%	1,599	43.2%
Other	94	4.0%	9	1.4%	27	3.8%	130	3.5%
Unknown	108	4.6%	24	3.8%	20	2.8%	152	4.1%
TOTAL	2,356	100.0%	638	100.0%	711	100.0%	3,705	100.0%





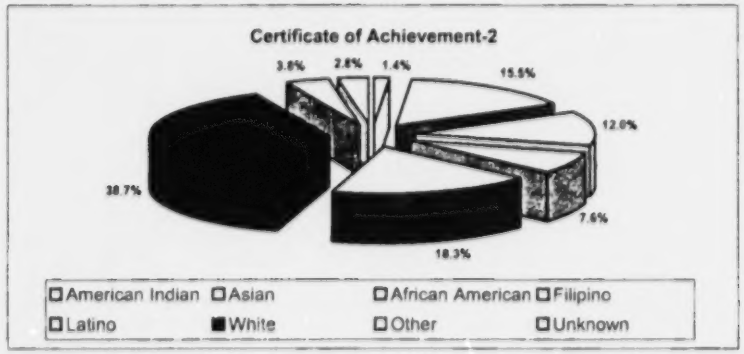


Chart 2

DISTRICTWIDE
Comparisons of Ethnicities of 2002 Associate Degree Recipients and Fall 2001 Student Population

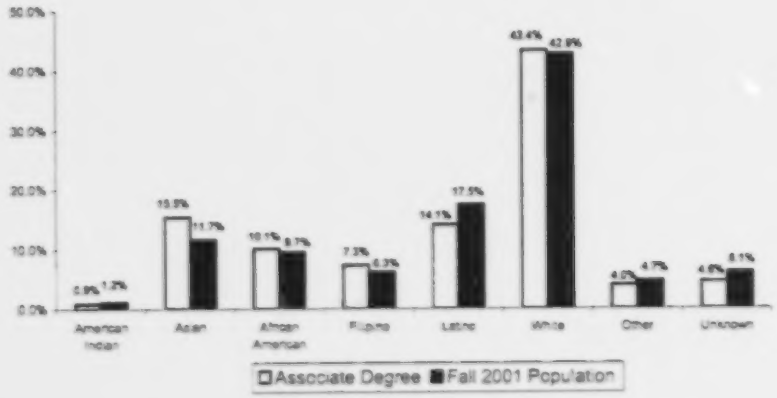


Chart 3

DISTRICTWIDE
Comparisons of Ethnicities of 2002 Certificate of Achievement-1 Recipients and Fall 2001 Student Population

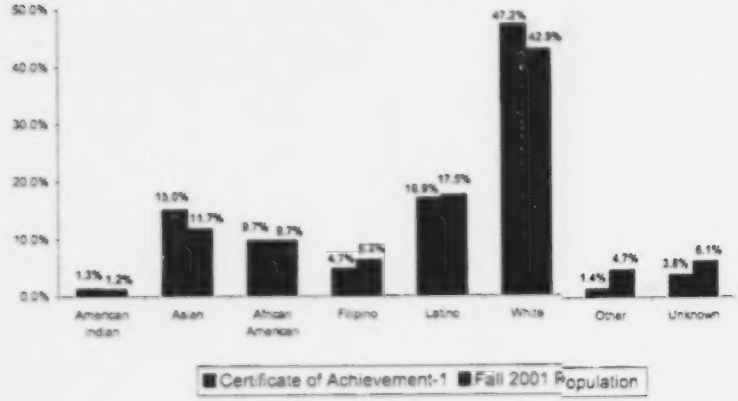


Chart 4

DISTRICTWIDE
Comparisons of Ethnicities of 2002 Certificate of Achievement-2 Recipients and Fall 2001 Student Population

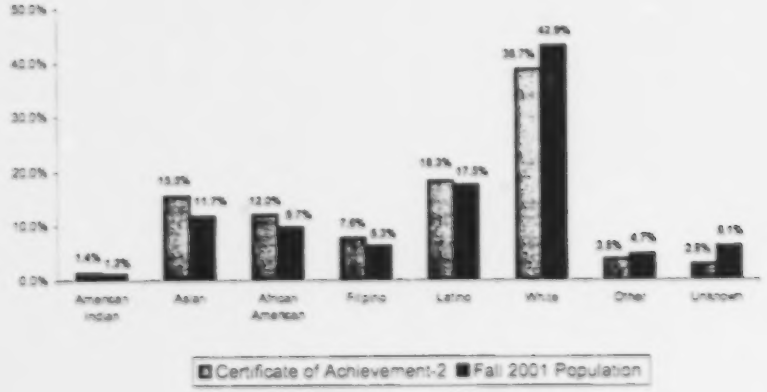


Chart 5

DISTRICTWIDE
Comparisons of Ethnicities of Associate Degree Recipients: 2001 Awards vs. 2002 Awards

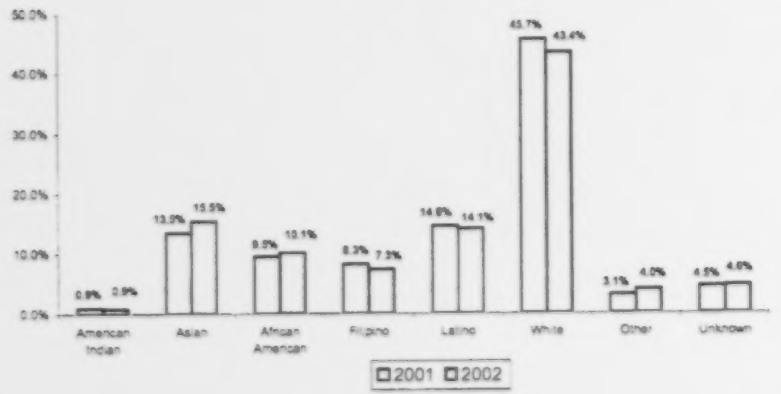


Chart 6

DISTRICTWIDE

2001 Awards vs. 2002 Awards

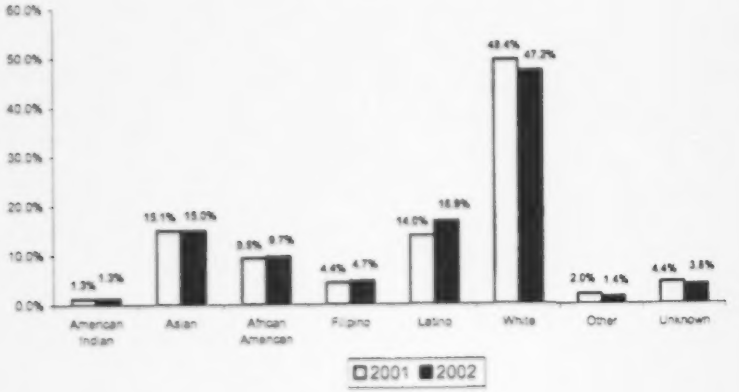
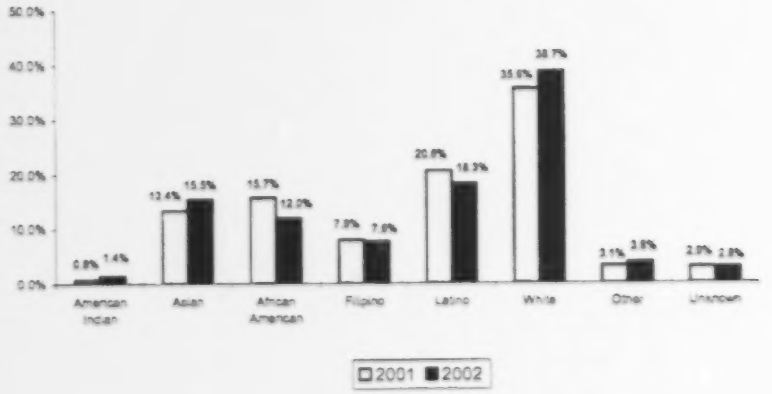


Chart 7

DISTRICTWIDE
Comparisons of Ethnicities of Certificate of Achievement-2 Recipients: 2001 Awards vs. 2002 Awards



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Part 2: Profile of Recipients

A. RECIPIENT DEMOGRAPHICS - Districtwide

(Note: Data in this section are Unduplicated)

1. 2002 Degree and Certificate Award Recipients by Ethnicity (Table 6)

- Of all award recipients in 2002, 44% were white, 16% were Latino, 15% were Asian, 10% were African American, and 7% were Filipino.

2. 2002 Degree and Certificate Award Recipients by Gender (Table 7)

- In 2002, females constituted a majority of the 3,004 award recipients (54%).

Table 6

2002 Degree and Certificate Award Recipients by Ethnicity - DISTRICTWIDE

ETHNICITY	N	%
American Indian	30	1.0%
Asian	440	14.6%
African American	302	10.1%
Filipino	207	6.9%
Latino	469	15.6%
White	1,325	44.1%
Other	105	3.5%
Unknown	126	4.2%
TOTAL	3,004	100.0%

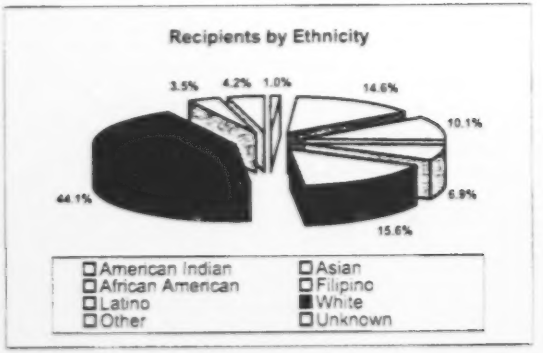
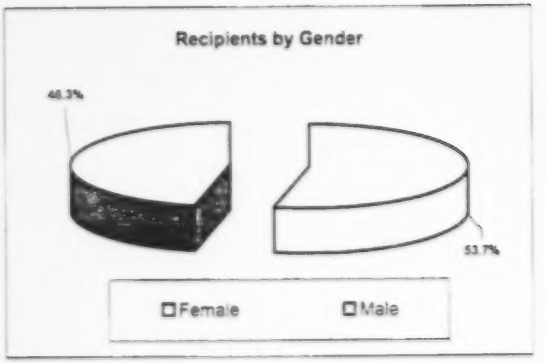


Table 7

2002 Degree and Certificate Award Recipients by Gender - DISTRICTWIDE

GENDER	N	%
Female	1,614	53.7%
Male	1,390	46.3%
TOTAL	3,004	100.0%



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B. SINGLE AND MULTIPLE AWARD RECIPIENTS - Districtwide

(Note: Data in this section are Unduplicated)

1. 2002 Single and Multiple Award Recipients by Number of Awards Received (Table 8)

- In 2002, 82% of the award recipients received one award, 15% received two awards, 2% received three awards, and the remaining 1% received four or more awards.

2. 2002 Single and Multiple Award Recipients by Award Type (Table 9)

- Of the recipients who received one award in 2002, 72% of them received an associate degree, while 14% received a certificate of achievement-1 and another 14% received a certificate of achievement-2.
- Of the 442 students who received two awards in 2002, 40% received an associate degree and a certificate of achievement-1, while 31% received an associate degree and a certificate of achievement-2.
- About 36% of the recipients with three awards received a combination of associate degrees and certificates of achievement-2.

Table 8

2002 Single and Multiple Award Recipients by Number of Awards Received - DISTRICTWIDE

Number of Awards Received in 2002	N	%
One Award	2,455	81.7%
Two Awards	442	14.7%
Three Awards	76	2.5%
Four Awards	21	0.7%
Five Awards	7	0.2%
Six Awards	2	0.1%
Seven Awards	1	0.0%
Total	3,004	100.0%

Table 9

2002 Single and Multiple Award Recipients by Award Type - DISTRICTWIDE

Number of Awards Received in 2002	Associate Degrees Only		Certificates of Achievement-1 Only		Certificates of Achievement-2 Only		Combination of Assoc. Deg. & Cert. Of Ach-1.		Combination of Assoc. Deg. & Cert. Of Ach-2.		Combination of Cert. Of Ach-1. & Cert. Of Ach-2.		Combination Assoc. Deg., Cert. Of Ach-1., & Cert. Of Ach-2.		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One Award	1,766	71.9%	357	14.5%	332	13.5%									2,455
Two Awards	70	15.8%	5	1.1%	37	8.4%	175	39.6%	136	30.8%	19	4.3%			442
Three Awards	5	6.6%	0	0.0%	2	2.6%	22	28.9%	27	35.5%	7	9.2%	13	17.1%	76
Four Awards	0	0.0%	0	0.0%	7	33.3%	2	9.5%	5	23.8%	1	4.8%	6	28.6%	21
Five Awards	0	0.0%	0	0.0%	0	0.0%	2	28.6%	3	42.9%	1	14.3%	1	14.3%	7
Six Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	2
Seven Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	1
Total	1,841	61.3%	362	12.1%	378	12.6%	201	6.7%	171	5.7%	31	1.0%	20	0.7%	3,004

C. PREVIOUS AWARD STATUS[4] - Districtwide

(Note: Data in this section are Unduplicated)

1. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Ethnicity (Table 10 and Chart 8)

- Asian and African American recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2002 award recipients (Asian, 21% of previous award recipients vs. 15% of all award recipients; African American, 16% of previous award recipients vs. 10% of all award recipients).

2. 2002 Award Recipients: Previous Awards vs. No Previous Awards by Gender (Table 11 and Chart 9)

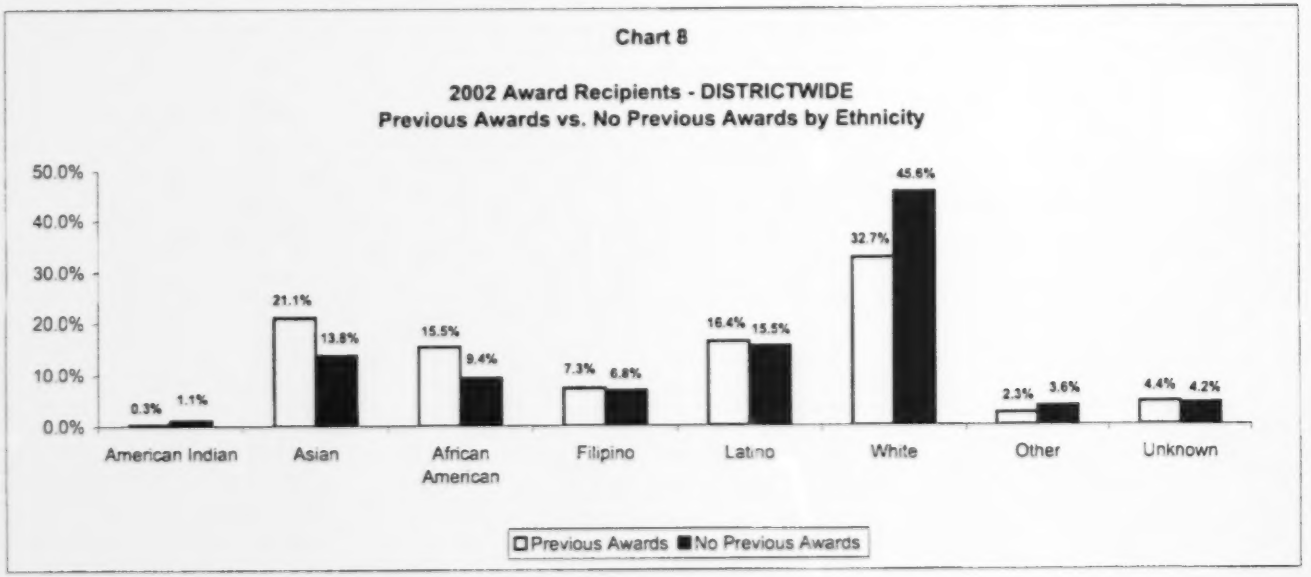
- Females represented 61% of the 2002 award recipients with previous awards, but represented only 54% of all 2002 award recipients.

[4] Recipients with previous awards include those with additional degrees and certificates received prior to 2002 (1950 to 2001).

Table 10

2002 Award Recipients - DISTRICTWIDE
Previous Awards[1] vs. No Previous Awards by Ethnicity

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	1	0.3%	29	1.1%	30	1.0%
Asian	72	21.1%	368	13.8%	440	14.6%
African American	53	15.5%	249	9.4%	302	10.1%
Filipino	25	7.3%	182	6.8%	207	6.9%
Latino	56	16.4%	413	15.5%	469	15.6%
White	112	32.7%	1,213	45.6%	1,325	44.1%
Other	8	2.3%	97	3.6%	105	3.5%
Unknown	15	4.4%	111	4.2%	126	4.2%
TOTAL	342	100.0%	2662	100.0%	3,004	100.0%

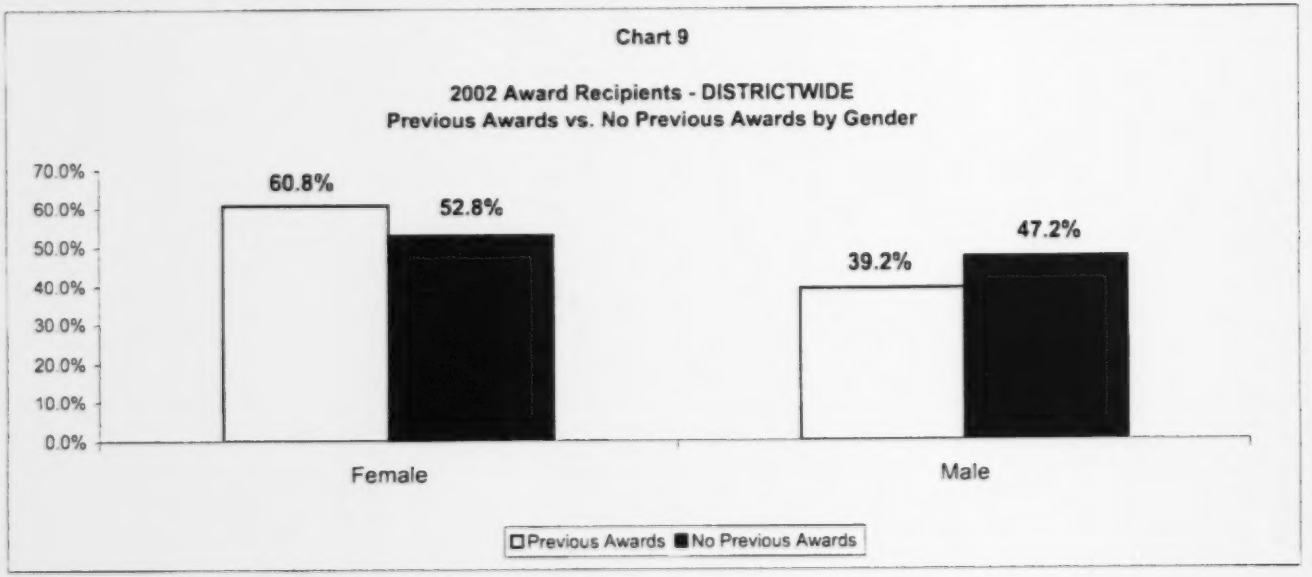


Note 1: Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001)

Table 11

2002 Award Recipients - DISTRICTWIDE
Previous Awards[1] vs. No Previous Awards by Gender

	Previous Awards		No Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	208	60.8%	1406	52.8%	1,614	53.7%
Male	134	39.2%	1,256	47.2%	1,390	46.3%
TOTAL	342	100.0%	2662	100.0%	3,004	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2002 (1950 to 2001).

D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS[5] - Districtwide

(Note: Data in this section are Unduplicated)

1. 2002 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 12)

- Of the 2,194 single award recipients[5] in 2002, 1,562 were associate degree recipients, 332 were certificates of achievement-1 and 300 were certificate of achievement-2 recipients.
- Associate degree recipients completed an average of 66 units, slightly higher than the 60 unit requirement for associate degrees. As expected, the average was lower for certificate of achievement-1 recipients (52 units) given that only 18-40 units are required for certificates of achievement-1. Although certificates of achievement-2 require no more than 17 units, first-time recipients of this type of award completed an average of 43 units.
- Comparisons by ethnic group showed Asian recipients with the highest average number of completed units across all three award types (associate degree recipients, 76 units; certificate of achievement-1 recipients, 64 units; certificate of achievement-2 recipients, 48 units.) By comparison, white recipients had the lowest average number of completed units (associate degree recipients, 61 units; certificate of achievement-1 recipients, 51 units; certificate of achievement-2 recipients, 42 units.) Course enrollment analysis of the Asian recipients showed ESL and basic skills courses as contributing factors to the higher number of completed units[6].

2. 2002 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 13)

- Of the single award recipients[5] in 2002, associate degree recipients completed an average of 9 semesters, while certificate of achievement-1 recipients completed an average of 8 semesters and certificate of achievement-2 recipients completed an average of 7 semesters.
- Analysis by ethnic group showed African American associate degree recipients with the highest average number of completed semesters (10 semesters). However, of the certificate of achievement-1 recipients, Filipinos had the highest average number of completed semesters (9 semesters.)

[5] Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.
[6] Course histories of a randomly selected sample (50%) of the Asian recipients were examined. Almost half of the students (48%) had enrolled in ESL or basic skills courses.

Table 12

2002 Award Recipients - DISTRICTWIDE
Average Number of Units Completed by Ethnic Group[1]

ETHNICITY	ASSOCIATE DEGREES 2002 Recipients		CERTIFICATE OF ACHIEVEMENT-1[2] 2002 Recipients		CERTIFICATE OF ACHIEVEMENT-2[3] 2002 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	59.4	12	51.2	5	50.3	3
Asian	76.5	202	64.0	37	47.9	42
African American	69.2	133	49.4	33	41.2	29
Filipino	70.7	124	53.2	13	38.9	19
Latino	71.1	218	49.2	69	46.8	58
White	60.9	734	50.7	158	41.9	134
Other	65.2	68	50.2	7	52.2	5
Unknown	61.7	71	59.2	10	39.1	10
TOTAL	66.0	1,562	52.1	332	43.6	300

Note 1: Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3:

Table 13

2002 Award Recipients - DISTRICTWIDE
Average Number of Semesters Completed by Ethnic Group[1]

ETHNICITY	ASSOCIATE DEGREES 2002 Recipients		CERTIFICATE OF ACHIEVEMENT-1[2] 2002 Recipients		CERTIFICATE OF ACHIEVEMENT-2[3] 2002 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	7.9	12	8.2	5	7.7	3
Asian	9.3	202	8.6	37	6.9	42
African American	10.2	133	6.6	33	6.5	29
Filipino	9.8	124	9.3	13	5.8	19
Latino	9.2	218	7.4	69	7.1	58
White	7.8	734	8.2	158	6.7	134
Other	8.3	68	6.1	7	7.2	5
Unknown	7.4	71	8.9	10	8.0	10
TOTAL	8.6	1,562	7.9	332	6.8	300

Note 1: Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3:

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